

# 2020 Virtual Joint Advanced Planning Brief for Industry

Our program will begin shortly; please stand by...







## **Ballistic Helmets Breakout**

- DLA Troop Support
  - –Ray Jacquette
- Product Manager, Soldier Protective Equipment
  - –LTC Stephen Miller / Benny Shepard



Hosted by DLA Troop Support Clothing and Textiles

- For questions, please use the Q&A tab. Type your question ask the speaker is briefing. Questions will be read by the moderator at the end of each presentation
- You are welcome to use the chat, but please do not ask questions there as we may not see them.
- Slides are being posted within a week of the presentation at <u>https://www.dla.mil/TroopSupport/ClothingandTextiles/C-T-Industry/IndustryEvents/2020-JAPBI/</u>





# DLA Troop Support Clothing & Textiles Ballistic Helmets

Raymond Jacquette IST Supervisor, Safety Team





# Safety Team Product Line Overview

- Safety Team Stats
  - Overall manage approx. 900 different items
  - Items include:
    - Ballistic Helmets and components (Retention Systems, Pad (Suspension) Systems, Covers)
    - Flyers Helmets and components (Visors, Chin Straps, ...)
    - Anti-G Garments
    - Anti-Exposure Garments

### Sales

- FY 20 \$82.0M
- FY 19 \$79.0M
- FY 18 \$79.1M





# **Major System**





# **Upcoming Opportunities**

Enhanced Combat Helmet (ECH) – Marine Corps

Projected solicitation 1st Qtr CY 21 Fixed quantity

Advanced Combat Vehicle Crewman (ACVC)
Projected solicitation 1st Qtr CY 21

ACVC Liner
Projected solicitation sometime in CY 21







# Safety Team POCs

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# **Soldier Protective Equipment**

# Joint Advanced Planning Brief to Industry **Ballistic Helmets Session**

LTC Stephen E. Miller **Product Manager** Soldier Protective Equipment

24 November 2020

Cary V. Ferguson **Deputy Product Manager** Soldier Protective Equipment



## **Head Protection**



#### Integrated Head Protection System (IHPS)



**Standard Configuration** 

- Rifle and Fragmentation Protection
- 100% greater blunt impact protection than Army Combat Helmet (ACH)
- 5% lighter than ACH
- **Boltless Retention System**

**Mounted Configuration** 

- Maxillofacial system provides protection against fragmentation (ballistic and blast) and blunt impact. •Same weight as IHPS
- Maxillofacial system backward compatible between IHPS and NG **IHPS**

#### **Next Generation IHPS (NG IHPS)**



(Prototype shown)

- Increased Rifle Protection over IHPS
- Same blunt impact protection as IHPS
- No penetrating NVD mounting hole
- Attachment points for Universal Helmet Mount Assembly (uHMA)

#### **Female Specific Adjustments**

#### Common female feedback from Human **Factor Evaluations** (HFEs)

- Chin strap fits poorly
- Retention straps interfere with peripheral vision and ear lobes
- X-Back interferes with hair buns

#### Solutions

- Retention straps redesigned to diminish interference of peripheral vision and ear lobes
- Female specific H-Back design being implemented to fit around hair buns
- Solutions evaluated during HFEs and widely accepted by female Soldier community
- Improved H-back Retention System available





H-Back

X-Back



# **Anticipated Contract Actions**



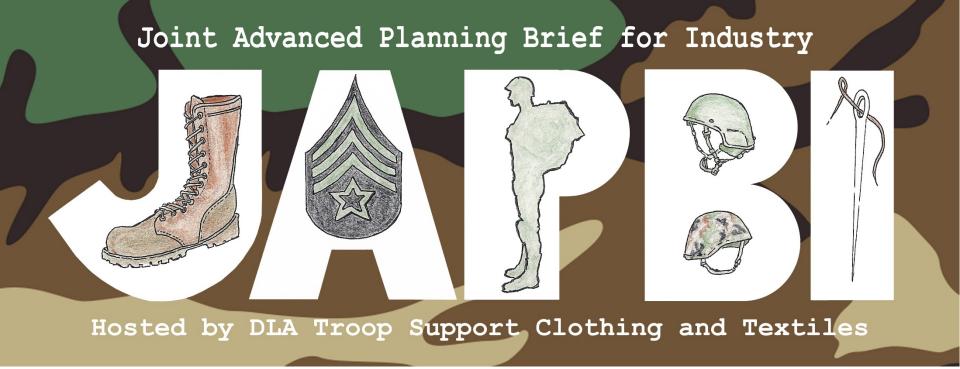
Product Manager Soldier Protective Equipment anticipates awarding contracts in FY22 to support the following products:

#### NG Integrated Head Protection System (NG IHPS):

- 3QFY21: Anticipate publishing solicitation to Industry
- 2QFY22: Anticipate contract award

#### NG IHPS Mandible and Visor:

- 1QFY21: Anticipate releasing RFI to Industry
- 3QFY21: Anticipate publishing solicitation to Industry
- 2QFY22: Anticipate contract award



- THANK YOU FOR ATTENDING!
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